Attorney's Docket No.: 07977-275001 / US4910 'Applicant: Yoshiharu Hirakata et al.

Serial No.: 09/854,120 Filed

: May 10, 2001

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## Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

## Listing of Claims:

- 1. (Currently Amended) A method of manufacturing an active matrix liquid crystal display device, wherein liquid crystals are made monostable by an electric field between a pixel electrodes electrode and an electrode electrodes opposite to said pixel electrodes electrode, while electric voltages having the same polarity are applied to said pixel electrodes electrode.
- 2. (Currently Amended) A method of manufacturing an active matrix liquid crystal display device, wherein liquid crystals are made monostable by an electric field between a pixel electrodes electrode and an electrode electrodes opposite to said pixel electrodes electrode, while electric voltages having the same polarity are applied to said pixel electrodes electrode and an ultraviolet rays are ray is irradiated to said liquid crystals.
- 3. (Currently Amended) A method of manufacturing an active matrix liquid crystal display device, wherein there is a period in which all gate wirings are selected simultaneously and wherein liquid crystals are made monostable by an electric field between a pixel electrodes electrode and an electrode electrodes opposite to said pixel electrodes electrode, while electric voltages having the same polarity are applied to said pixel electrodes electrode.
- 4. (Currently Amended) A method of manufacturing an active matrix liquid crystal display device, wherein there is a period in which all gate wirings are selected simultaneously and wherein liquid crystals are made monostable by an electric field between a pixel electrodes electrode and an electrode electrodes opposite to said pixel electrodes electrode, while electric

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voltages having the same polarity are applied to said pixel electrodes electrode and an ultraviolet rays are ray is irradiated to said liquid crystals.

- 5. (Original) The method of manufacturing an active matrix liquid crystal display device according to any one of claims 3 and 4, wherein a gate start pulse is maintained at a constant voltage and wherein said gate wirings are placed in a state of being simultaneously selected.
- 6. (Currently Amended) A method of manufacturing an active matrix liquid crystal display device comprising:

forming a first conductive film [[on]] over a first substrate;

forming [[an]] a first insulating film [[on]] over said first conductive film;

forming a thin film transistor [[on]] over said first insulating film;

forming a second insulating film over the thin film transistor;

forming a pixel electrode over the second insulating film;

forming a second conductive film [[on]] over a second substrate;

providing [[a]] liquid crystals between said thin film transistor and said second conductive film; and

applying an electric field to said liquid erystal crystals by said first conductive film and said second conductive film so that said liquid erystal is crystals are made monostable.

7. (Currently Amended) A method of manufacturing an active matrix liquid crystal display device including comprising:

forming a first conductive film [[on]] over a first substrate;

forming [[an]] a first insulating film [[on]] over said first conductive film;

forming a thin film transistor [[on]] over said first insulating film;

forming a second insulating film over the thin film transistor;

forming a pixel electrode over the second insulating film;

forming a second conductive film [[on]] over a second substrate; and

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providing [[a]] liquid erystal crystals between said thin film transistor and said second conductive film, [[;]]

wherein said liquid erystal is crystals are made monostable by an electric field applied to said liquid erystal crystals by said first conductive film and said second conductive film while an ultraviolet rays are ray is applied to said liquid erystal crystals.

8. (Currently Amended) A method of manufacturing an active matrix liquid crystal display device including comprising:

forming a first conductive film [[on]] over a first surface of a first substrate;

forming a thin film transistor [[on]] <u>over</u> a second surface opposite to said first surface of said first substrate;

forming a second conductive film [[on]] <u>over</u> a second substrate; and providing [[a]] liquid crystals between said thin film transistor and said second conductive film, [[;]]

wherein said liquid erystal is crystals are made monostable by an electric field applied to said liquid crystals by said first conductive film and said second conductive film while an ultraviolet rays are ray is applied to said liquid crystals.

- 9. (Currently Amended) The method of manufacturing an active matrix liquid crystal display device according to any one of claims 1 to 4 and 6 to 8, wherein said liquid crystals are smectic liquid crystals.
- 10. (Currently Amended) The method of manufacturing an active matrix liquid crystal display device according to claim 9, wherein said smectic liquid erystal is crystals are ferroelectric liquid erystal crystals.

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11. (Currently Amended) The method of manufacturing an active matrix liquid crystal display device according to any of claims 1 to 4 and 6 to 8, wherein said liquid crystal is mixture crystals are mixtures of a polymer material and a liquid crystal.

- 12. (Original) The method of manufacturing an active matrix liquid crystal display device according to claim 11, wherein a polymerization agent is added to said polymer material.
- 13. (Original) The method of manufacturing an active matrix liquid crystal display device according to claim 12, wherein said polymerization agent has optical polymerization or thermal polymerization properties.
- 14. (Currently Amended) The method of manufacturing an active matrix liquid crystal display device according to any one of claims 1 to 4 and 6 to 8, wherein said liquid crystal display device is incorporated into an electronic equipment selected from the group consisting of a portable phone, a video camera, a mobile computer, a head mounted display, a television set, a portable book, a personal computer, a player, a digital camera, a front-type projector and a reartype projector.